

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	((alkane\$1 or paraffin\$1) and (alkene\$1 or olefin\$1) and (hydrogen) and (membrane) and (Zr or zirconium or zirconia) and (stabilized or ceria or Ce or Y or yttria) and (Pd or palladium or Nb or niobium or Ta or tantalum)). clm.	US-PGPUB	OR	OFF	2007/09/26 16:33

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	456	(585/661).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/09/26 16:15
L2	428	((585/818) or (95/56)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/09/26 16:15
L3	568	(585/654).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/09/26 16:15
L4	992	L3 or L2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/09/26 16:15
L5	1300	L4 or L1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/09/26 16:15
L6	13020	stabilized with (zr or zirconium or zirconia or "ZrO.sub.2")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/09/26 16:19
L7	23	L6 and L5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/09/26 16:18
L8	545	(membrane or membranes) same (stabilized with (zr or zirconium or zirconia or "ZrO.sub.2"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/09/26 16:20
L9	8	L5 and L8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/09/26 16:19
L10	1494	(membrane or membranes) and (stabilized with (zr or zirconium or zirconia or "ZrO.sub.2"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/09/26 16:20
L11	11	L5 and L10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/09/26 16:22

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L12	39247	(pd or palladium) with (alloy or alloys)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/09/26 16:22
L13	6	l11 and l12	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/09/26 16:23
S1	15	"6569226"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/09/26 16:14
S2	562	(585/654).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/23 13:41
S3	17843	hydrogen with membrane	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/23 13:41
S4	16	S2 and S3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/23 13:41
S5	528944	membrane	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/23 13:50
S6	34	S2 and S5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/23 14:02
S7	0	GB2190397	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/23 14:03
S8	0	GB2190397A	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/23 14:03
S9	271	membrane with dehydrogenation	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/23 14:19
S10	294	hydrogen same membrane same dehydrogenation	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/26 10:25

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S11	562	(585/654).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/26 10:24
S12	16	S11 and S10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/26 10:24
S13	5	("6066592" "55980989" "5518530"). pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/02 06:32
S14	7	("6066592" "5980989" "5518530").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/02 06:32
S15	421	((585/818) or (95/56)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/02 09:13
S16	562	(585/654).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/02 09:13
S17	979	S16 or S15	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/02 09:13
S18	271	membrane with dehydrogenation	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/02 09:13
S19	28	S18 and S17	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/02 09:13
S20	5048	((Pd or palladium) with alloy) same (support or substrate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/02 09:14
S21	6	S19 and S20	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/02 09:14
S22	15	"3290406"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/02 09:48